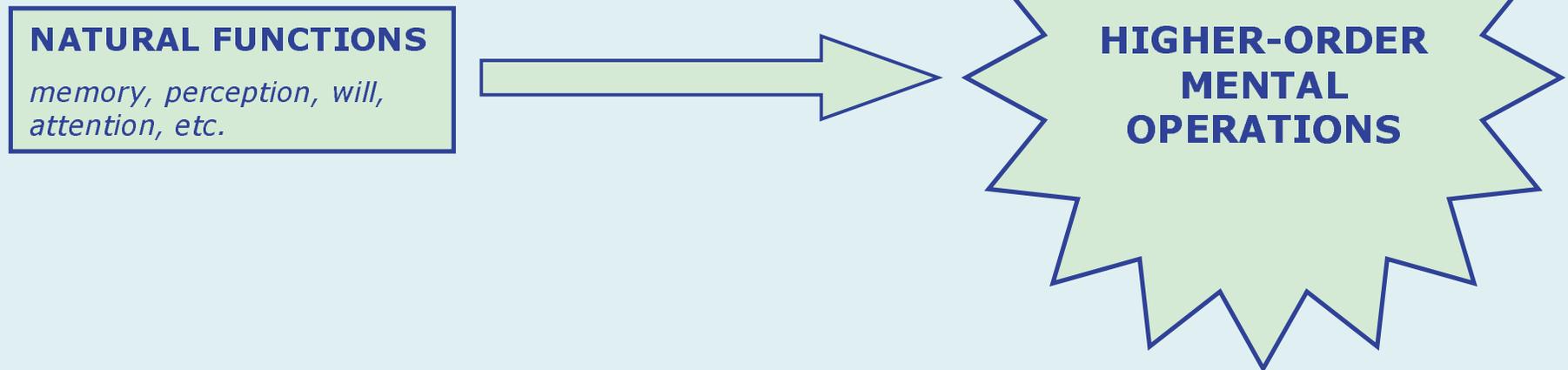


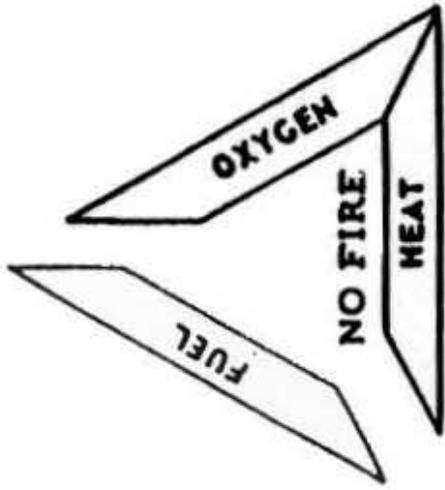
MLE drives FIE with its psychological tools



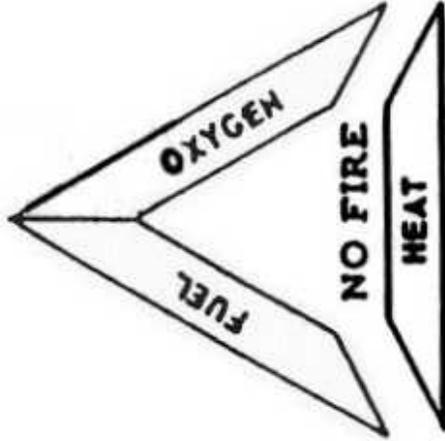
A trainee: "Psychological tools are instruments that we use to operate in our minds to produce higher-order thought processes."

Psychological Tools & Mental Processes in HAZWOPER

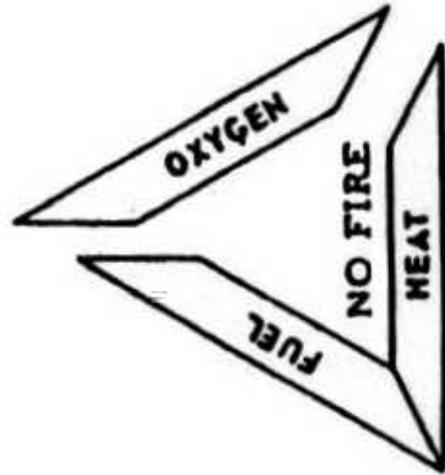
PSYCHOLOGICAL TOOLS	COGNITIVE FUNCTIONS & MENTAL OPERATIONS
<ul style="list-style-type: none">• Symbolizations <i>CERCLA, RCRA, mg/kg, etc.</i>	<ul style="list-style-type: none">• Encoding, representation, seeing relationships, organizing
<ul style="list-style-type: none">• Graphic-symbolic devices <i>Schemas and diagrams</i><ul style="list-style-type: none">- <i>Fire triangle – a higher-order conceptual tool</i>	<ul style="list-style-type: none">• Structural analysis, operational analysis, abstract relational thinking
<ul style="list-style-type: none">• Graphs – higher-order conceptual tools<ul style="list-style-type: none">- <i>Dose-response graph</i>	<ul style="list-style-type: none">• Abstract relational thinking, representation, inductive and deductive thinking, projecting virtual relationships



FUEL
REMOVED

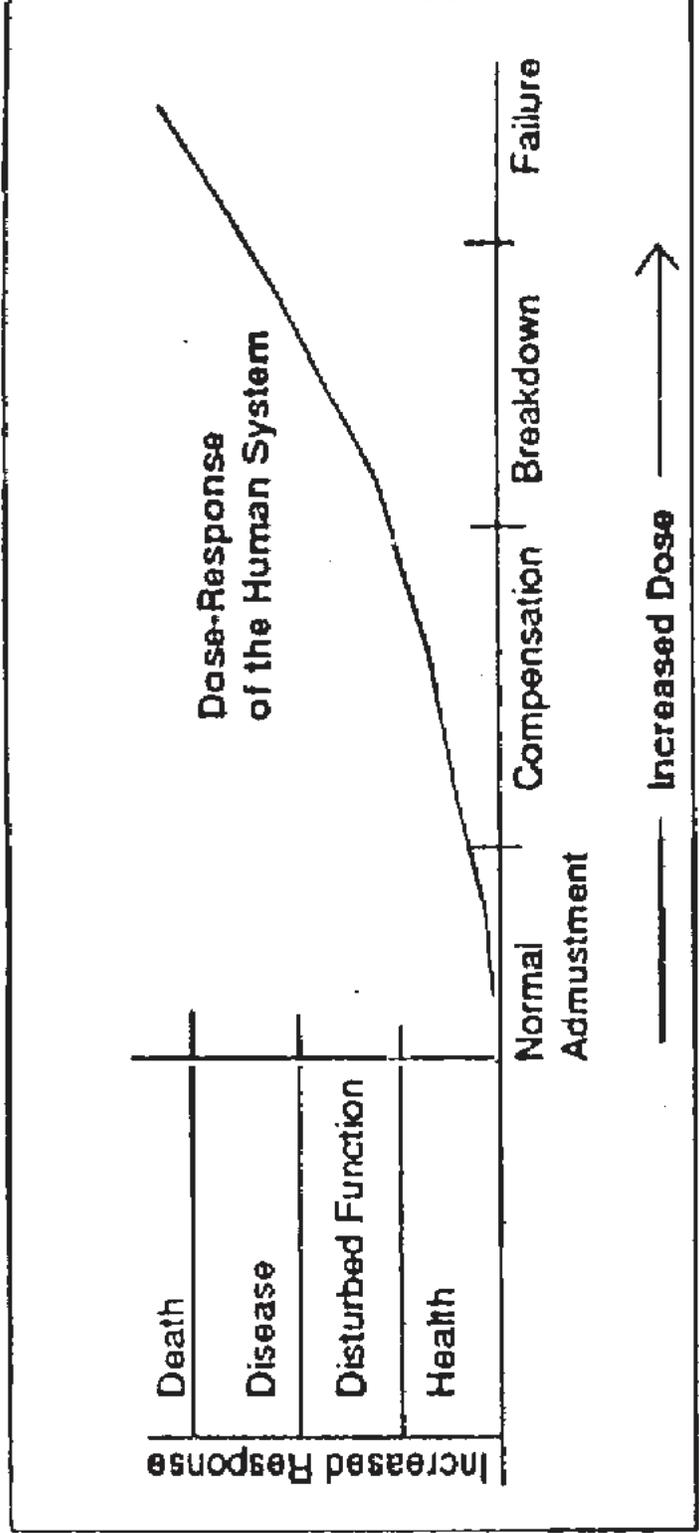


HEAT
REMOVED



OXYGEN
REMOVED





Modality of Instructional Delivery and Efficacy

MODALITY	EFFICACY LEVEL <i>(highest = 10)</i>
Full integration	10
Some FIE HAZWOPER with some integration More FIE	8
FIE HAZWOPER alone FIE	6
HAZWOPER FIE	4
HAZWOPER	1 <i>Arbitrarily assigned reference</i>

Most Efficient Conditions for Dissemination

- A. Trainer trained to do HAZWOPER and FIE/MLE
- B. Trainer trained to do HAZWOPER and MLE